Online Check Deposit: Scanner Options

User Manual

SunTrust

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Getting Started

Online Check Deposit is a depository service that allows you to capture check images and send your deposits electronically to SunTrust for deposit. You must use a personal computer and a check scanner certified to work with the Online Check Deposit software. The purpose of this user manual is to provide detailed information on all certified scanners that can be used with Online Check Deposit.

For all your other support needs, please call the SunTrust Treasury Management Technical Services Group at 877.785.6925, option 2.

SunTrust Online Check Deposit Scanner Options

SunTrust has software certified the following scanners to support the Online Check Deposit service.

- CTS Corporation LS 100
- Digital Check Corporation Teller Scan models
  - Teller Scan 220 also known as Teller Scan 220 E
  - Teller Scan 215
  - Teller Scan 230-35
  - Teller Scan 230-65
  - Teller Scan 230-100
- RDM UEC7011F
- Panini Corporation MyVision and Vision X
  - Panini MyVision X 1F
  - Panini Vision X 50 ***(formerly MyVision X 30)***
  - Panini Vision X 75 ***(formerly MyVision X 60)***
  - Panini MyVision X SD
  - Panini Vision X 100/ MyVision X 90
- Chase Peabody CheckNique *(no longer available for purchase)*

Benchmark Low Volume Scanner Options		
Certified Scanners	**Volume**	**Feed**
PANINI MyVision X 1F	1 – 25 items per deposit	Single
CheckNique-Single Feed	1 – 25 items per deposit	Single
Digital Check Teller Scan 215	1 – 25 items per deposit	Single
RDM UEC7011F	1 – 25 items per deposit	Single

Benchmark Mid Volume Scanner Options		
Certified Scanners	**Volume**	**Feed**
PANINI Vision X 50	26 - 500 items per deposit	Continuous
Digital Check Teller Scan 230-35	26 - 500 items per deposit	Continuous
CTS LS100	26 - 500 items per deposit	Continuous

Benchmark High Volume Scanner Options		
Certified Scanners	**Volume**	**Feed**
PANINI Vision X 75	501+ items per deposit	Continuous
Digital Check Teller Scan 230-65	501+ items per deposit	Continuous
Digital Check Teller Scan 230-100	501+ items per deposit	Continuous

Please request the Online Check Deposit Scanner Options Sheet from your banker for specific scanner pricing, supplies, shipping and payment options.

CTS

LS 100 North America

The LS 100 is manufactured by CTS Corporation. This scanner is designed to handle 30 documents per minute and 26 – 500 checks per deposit (depending on interface and configuration).

Note: Scanner parameters provided by manufacturer without consideration of Online Check Deposit software application processing.

Paper Handling	• Manual single document drop feeder or optional automatic document feeder for up to 15 documents • Reading Speed: up to 19.69“ (500 mm) per second • Throughput: up to 52 documents per minute (depending on interface and configuration) • Output Pocket: 15 document capacity
Endorser/Imprint	• Self inking front stamp for voiding (only available without optional automatic feeder) • High-resolution rear inkjet printer for variable endorsing on the back of the document
Product Life	• Medium Time Before Failure (MTBF): 150,000 hours • Medium Cycles Before Failure (MCBF): 200,000 cycles
Unit Dimension	• Length: 8.46“ (215 mm) • Width: 4.92“ (125 mm) • Height: 6.30“ (160 mm) • Weight: 2.65 lb. (1.2Kg), excluding power supply
Unit Size	• Countertop system with a small footprint
Pricing	• $749 - $929

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The LS 100 is a low-to-mid-volume reader scanner designated to read Magnetic Ink Character Recognition (MICR) code lines and capture front and rear images in a single pass.

Please request the Online Check Deposit Scanner Options Sheet from your banker for specific scanner pricing, supplies, shipping and payment options.

Digital Check

Teller Scan

The Teller Scan models are manufactured by Digital Check Corporation. These scanners are designed to handle up to 60 documents per minute and 501+ checks per deposit (depending on selected scanner model's interface and configuration).

Note: Scanner parameters provided by manufacturer without consideration of Online Check Deposit software application processing.

SunTrust certifies four Digital Check scanner models to automatically process single or batches of checks; *Teller Scan 215, Teller Scan 230-35*, *Teller Scan 230-65* and *Teller Scan 230-100*.

Endorser/ Imprint	• Programmable ink jet, prior to scan, 12 dots/ch height • Variable fonts, supports graphical BMP printing • Estimated Yield: From 5-7M characters • Cartridge: Hewlett Packard 6602A
Unit Dimension	• Length: 8.6 " (21.7 cm) (Paper tray adds 2-3") • Width: 5.1 " (13 cm) • Height: 6.60 " (17 cm) • Weight: 4.4 lbs. (2Kg)
Typical Scan Speed	• Transport Speed: 19.7 " (50 cm) per second • Teller Scan 215: Drop-in feeder; scanning 30 documents per minute • Teller Scan 230-35: Continuous feeder; scan up to 35 documents per r minute • Teller Scan 230-65: Continuous feeder; scan up to 65 documents per minute • Teller Scan 230-100: Continuous feeder; scan up to 100 documents per minute
Product Life & Duty Cycle	• Designed for a Useful Life of over 2,000,000 items • Teller Scan 215: Duty Cycle 100-500 documents per day • Teller Scan 230-35: Duty Cycle 4,000-6,000 documents per day • Teller Scan 230-65: Duty Cycle 4,000-6,000 documents per day • Teller Scan 230-100: Duty Cycle 4,000-6,000 documents per day
Pricing	• Teller Scan 215: $550 - $728 • Teller Scan 230-35: $690 - $868 • Teller Scan 230-65: $840 - $1,038 • Teller Scan 230-100: $1,026 - $1,304

Please request the Online Check Deposit Scanner Options Sheet from your banker for specific scanner pricing, supplies, shipping and payment options.

The Digital Check scanners range from single feed models to high-speed capture designated to read MICR codelines and capture front and rear images all in a single pass.

RDM

UEC7011F

The UEC7011F is manufactured by RDM Corporation. This is a single-feed scanner designed to handle 1 – 25 checks per deposit (depending on interface and configuration).

Note: Scanner parameters provided by manufacturer without consideration of Online Check Deposit software application processing.

Internal Image Storage	• Standard Memory: Capacity approximately 225 images based on 11 kb size • Optional Memory: Capacity approximately 625 images based on 11kb size
Magnetic Read	• E13B MICR character set. Uses RDM's Progressive MICR Method for optimum MICR read accuracy.
Image	• CCITT Group 4 compression (ITU T.6) of bi-level image TIFF 6.0 file format • MICR line with transaction information included in header description tags of bill stub • Image size varies according to document, typically 11kb or less • High quality binary (b&w) 200 dpi nominal
Unit Dimension	• Standard model: max. 10.2 " L x 6.2 " W x 4.8 " H • MSR model: max. 10.2 " L x 6.2 " W x 5.3 " H
Product Life	• Warranty Return Rate: 0.35% • Medium Time Before Failure (MTBF): 5 years • Check Franking Ink: 10,000 documents or 6 months out of the package
Pricing	• $431 - $586

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The UEC7011F Series is a single feed scanner designated for low volume capture designated to read MICR codelines and capture front and rear images all in a single pass.

Please request the Online Check Deposit Scanner Options Sheet from your banker for specific scanner pricing, supplies, shipping and payment options.

PANINI

MyVision X and Vision X

The MyVision X and Vision X scanner models are manufactured by PANINI Corporation. These scanners are designed to handle up to 75 checks per minute and 501+ documents per deposit (depending on selected scanner model's interface and configuration).

Note: Scanner parameters provided by manufacturer without consideration of Online Check Deposit software application processing.

SunTrust certifies unique PANINI scanner options to automatically process single or batches of checks: MyVision X 1F, Vision X 50 ***(formerly MyVision X 30)*** and Vision X 75***(formerly MyVision X 60).***

Paper Handling	• MyVision X 1F: Single Feed, Processing Speed 30 documents per minute • Vision X 50: Duplex Scanning, Monochrome Speed 200 dpi; Simplex & Duplex 30 documents per minute • Vision X 75: Duplex Scanning, Monochrome Speed 200 dpi; Simplex 60 documents per minute, Duplex 30 documents per minute
Endorser	• Printer Type: Inkjet • MICR Type: E13B
Unit Dimension	• Length: 10.39 " • Height: 6.88 " • Width: 5.43 " • Weight: 8 lbs
Workspace	• Compact footprint • Exit Pocket Capacity 100 checks
Product Life	• Medium Time Before Failure (MTBF): 1,000,000 document passes • Vision X 50 Duty Cycle: 3,000 document passes per day • Vision X 75 Duty Cycle: 5,000 document passes per day • Life Expectancy: 3,000,000 document passes expected
Pricing	• MyVision X 1F: $550 - $750 • Vision X 50: $846 - $1,041 • Vision X 75: $1025 - $1,265

The Panini MyVision scanners range from single feed models to high-speed capture designated to read MICR codelines and capture front and rear images all in a single pass.

Please request the Online Check Deposit Scanner Options Sheet from your banker for specific scanner pricing, supplies, shipping and payment options.

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Chase Peabody and Associates, Inc.

CheckNique®

The CheckNique imager is manufactured by Chase Peabody and Associates, Inc. (CPA). This is a single-item feed scanner designed to handle 1 – 25 checks per deposit (depending on interface and configuration).

Note: Scanner parameters provided by manufacturer without consideration of Online Check Deposit software application processing.

Paper Handling	• Manual single document drop feeder, optical paper detection. • Scan Method: Double-camera CIS modules
Transport Speed	• 1.36 in/sec.
Endorser	• Digital Endorsement: Offered through the API. Digital placement anywhere on image • Magnetic Ink Character Recognition (MICR) - E13B or CMC7
Product Life	• Designed for estimated useful life of 1,500,000 scans.
Unit Dimension	• Length: 7.5 “ • Height: 2.75 “ • Width: 4 “ • Weight: 1.25 lbs
Pricing	No longer available for purchase

The CheckNique is a single feed scanner designed for low volume capture designated to read MICR codelines and capture front and rear images all in a single pass.

Benchmark Advance Unit Replacement Process

RDM, CTS LS 100, Panini and Digital Check scanners only.

Advanced Unit Replacement Warranty Program Option

All scanners purchased with an Advanced Unit Replacement (AUR) Warranty purchased through Benchmark, will have their warranty process facilitated by Benchmark.

Since your scanning application is important to your Online Check Deposit application use, you may elect to upgrade your Warranty Program to an AUR that includes an overnight replacement unit. Under this program, SunTrust's Treasury Management Technical Services Group will provide you assistance in determining if there is a problem or defect with your scanner. If an issue is identified, the Technical Services Group will contact the Authorized Service Center for verification of the warranty coverage and shipment of an over night delivery replacement unit.

The AUR program fee includes the overnight and return shipping costs. You must return the defective unit using the provided label within seven (7) business days to avoid being charged a core replacement fee that is valued at the purchase cost of the replacement scanner. The returned scanner becomes the property of the service center and the warranty is transferred to the replacement unit.

Program Charges

1. Shipping Charges Non Warranty Related Work - You are responsible for all shipping charges to either Benchmark or the scanner manufacturer; return shipping will be by ground and the shipping cost will be covered by either provider.
    - For PANINI, RDM and CTS Scanners: Contact Benchmark for shipping assistance.
    - For Teller Scan Scanners: Contact Digital Check for shipping assistance.
2. Warranty and Non Warranty Repair Charges - There maybe a $50.00 charge for any units submitted for repair in which:
    a. The product is not cleaned of excessive ink residue.
    b. There is a No Trouble Found (NTF) with the product and it completes all standard self test and program diagnostics.

Manufacturer Warranty & Standard Restocking Fee Guideline Programs

RDM, CTS LS 100, Panini and Digital Check scanners only.

If you are reviewing this section, you have purchased a RDM, CTS LS100, Panini and/or Digital Check scanner. By simply keeping your unit clean, you can expect durable performance and quality of your check scanner. In the event you experience problems, contact the SunTrust Treasury Management Technical Services Group to determine the nature of your difficulty. You may be instructed to return the unit or to contact the Authorized Service Center for your scanner's manufacturer for additional assistance. This document outlines the scope of coverage available by the Standard Warranty or an Advanced Unit Replacement (AUR) program you may have purchased.

Standard Manufacturers Warranty

The Standard Manufacturers Warranty is a limited warranty and is effective after delivery of the check scanner from the manufacturer or its Authorized Reseller to your location. Warranty is effective for the following manufacturers and periods:

- 24 months – RDM
- 12 months – CTS LS100 and Digital Check
- 6 months – Panini

The limited warranty is defined and offered by the manufacturer and observed by the Authorized Service Center. The manufacturer warrants the product and its branded accessories designed for use with the specified product will be free from defects in workmanship and materials for the designated of manufacturer from receipt of the product by the original purchaser of the product. The product is assumed to be unmodified and used under normal conditions and serviced as recommended by the manufacturer. During the warranty period, the manufacturer and/or Service Center have the right to repair or replace any defective part or unit, for any reason, with new or rebuilt components with equal performance. Any installed units can be replaced with new or refurbished units. Any new Out of Box Failure (OBF) products will be replaced with new products.

The Standard Manufacturer Warranty provides a free repair or replacement of the defective unit at the discretion of the Authorized Service Center. Regardless of the warranty program elected, the receipt of a repaired or replaced unit does not extend the warranty period; the remaining warranty period is transferred to the replacement unit that is retained by you.

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SunTrust's Treasury Management Technical Services Group (877.785.6925; option 2) may instruct you to return the unit or to contact the Authorized Service Center for your area for additional assistance.

Return Merchandise Authorization Requests (RMA)

- For PANINI, RDM and CTS Scanners: Contact Benchmark at 800.554.4582 (ask for Fulfillment Services) to complete the Return Merchandise Authorization process.

- For Teller Scan Scanners: Submit an Online Return Merchandise Authorization Request to http://www.digitalcheck.com/

There is a time and material charge for repair of scanners that do not operate per specifications. Non-warranty repair claims include:

- Jammed staples
- Damage resulting from user negligence
- "White out" on scan head surface
- Excessive build up of debris, inadequate cleaning,
- Operating the scanner outside the normal duty cycle,
- Electrical and environmental conditions, etc.

If a scanner is determined to be non-repairable due to user negligence or abuse, you may elect to purchase a replacement scanner at the replacement purchase price.

Standard Scanner Return and Restocking Fee Guidelines

1. A restock fee is charged to you in the event the scanner is being returned. Fee includes: If the equipment being returned is new equipment received by Benchmark within 30 days from the invoice date and is unopened, then the restocking fee will be 20% of the base purchase price of the scanner.
2. If the equipment being returned is used equipment, then the return(s) will not be accepted.
3. If the equipment being returned is new equipment received by Benchmark after 30 days from the invoice date, then the return(s) will not be accepted.

Product Limited Warranty & Return Merchandise Authorization Requests (RMA)

CheckNique Duplex Image/MICR Digital Check scanner only

If you are reviewing this section, you have purchased or received a CheckNique duplex image MICR digital check scanner. By simply keeping your unit clean, you can expect durable performance and quality of your check scanner. In the event you experience problems, contact the SunTrust Treasury Management Technical Services Group to determine the nature of your difficulty. You may be instructed to return the unit or to contact the Authorized Service Center for your scanner's manufacturer for additional assistance. This document outlines the scope of coverage available by the limited manufacturer warranty.

The CheckNique scanner is warranted to be free from defects in workmanship and material under normal use and maintenance for a period of 12 months from the date of your purchase or receipt. However, if you have a defective unit, it may be replaced or repaired during the warranty period; excluding the CIS Cameras.

In the event the defect is not covered by the limited warranty or the applicable warranty period has expired, your requested repairs will be completed and charged at the current service call rates of its authorized distributor.

This warranty applies only if the scanner is used in conjunction with approved supporting software with your CheckNique scanner, such as SunTrust's Online Check Deposit.

This warranty is in lieu of all other warranties and conditions express or implied, including any implied warranties or conditions regarding merchantability or fitness with your CheckNique scanner. Chase Peabody and Associates, Inc. (CPA) is not responsible for any other express warranty, condition or guaranty, except as mentioned above. Warranties will not apply to any used CheckNique scanner.

This warranty is void if your scanner is damaged as a result of abuse, neglect, mishandling, alteration, electronic current fluctuation, or accident, improper use, installation or repair by an unauthorized distributor, use of supplies or parts other than those distributed by CPA, use of CheckNique Scanner with non-compatible computers, peripheral equipment or software including the use of your scanner in any system configuration not recommended in any other documentation. This warranty will not apply to the CheckNique Scanner if the original identification marks or serial numbers have been defaced, removed, or altered.

Any system software (whether factory installed or not) and any utility software distributed with or for your scanner is sold "as is" and without warranty by CPA. The warranty with respect to such software is as contained in the software manufacturer's agreement (EULA) and user license agreement, CPA or its authorized distributor shall not be responsible for the following:

- personal injury
- property damage
- loss of revenue or profit
- failure to realize savings or other benefits
- expenditures for substitute equipment or services
- loss or corruption of data
- storage charges

SunTrust's Treasury Management Technical Services Group (877.785.6925; option 2) may instruct you to return the unit or to contact the Authorized Service Center for your area for additional assistance.

- other special, incidental or consequential damages caused by the use, misuse or inability to use the product regardless of the legal theory on which the claim is based

Recovery will be limited to the amount of the original purchase price of CheckNique Scanner. You assume all risk and liability for loss, damage, or injury to persons and property from the possession, use, misuse, or inability to use the CheckNique Scanner sold by CPA. This limited warranty shall not extend to anyone other than the original purchaser or recipient in the event SunTrust purchased the scanner on your behalf.

Defective parts must be returned to our authorized distributor with all necessary documentation; which shall become the property of CPA.